JC02 Rec'd PCT/PTC 06 MAY 2005

10/534226

PENDORF & CUTLIFF

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Reply To: Tampa Office

May 6, 2005

MAIL STOP PCT

Commissioner for Patents P.O. Box 1450 Alexandria. VA 22313-1450 PCT/US2003/035587 -filed November 07, 2003

Re:

Application of Carsten HORN and Alfred Handler

System for gene targeting and producing stable genomic transgene

insertions"

Our Ref.: A800.081

Dear Sir:

The following documents and fees are submitted herewith in connection with the above application for the purpose of entering the National Stage under 35 U.S.C. §371 and in accordance with Chapter II of the Patent Cooperation Treaty:

X this express request to immediately begin national examination procedures (35 U.S.C. 371(f)).
X an executed Declaration and Power of Attorney.
X an English Language International Application with International Search Report
X U.S. Format English Language specification, claims and abstract English language Article 19 claim amendments.
English language Article 34 amendments an executed Assignment and PTO 1595 form.
Preliminary Amendment.
X Information Disclosure Statement

It is assumed that copies of the International Application, the International Search Report, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as

required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned can easily provide them upon request.

The Government filing fee is calculated, after entry of the accompanying Preliminary Amendment, as follows:

Total claims48 - 20 = 28 x \$ 50	= \$	1,400.00
Independent Claims8 - 3 = 5×200	= \$	1,000.00
Base Fee	_	300.00
National Stage Search Fee	\$	100.00*
National Stage Examination Fee	\$	100.00
TOTAL FILING FEE	\$	2,900.00

^{*} A copy of the US Search Report is attached.

A Credit Card Payment Form (PTO-2038) authorizing payment in the amount of \$2,900.00 is attached. Please charge or credit any difference or overpayment to Deposit Account No. 16-0877. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §1.492 which may be required during the entire pendency of the application to said Account.

Priority is claimed from November 8, 2002 based on German Application No. 102 51918.8.

Respectfully submitted,

PENDORF & CUTLIFF Attorneys for Applicant

Evelyn A. Defillo

 $By_{\underline{}}$

Registration No. 45,630

Commissioner for Patents May 6, 2005 Page 3 10/534226 Attorney Docket No. A800.081 JC17 Rec'd PCT/PTO 06 MAY 2005

EXPRESS MAIL CERTIFICATE

"EXPRESS MAIL" MAILING LABEL NUMBER: EV632220256 US

DATE OF DEPOSIT: May 6, 2005

I HEREBY CERTIFY that the foregoing cover letter including the German Language International Application with European Search Report, English Language U.S. format application, Preliminary Amendment, Declaration and Power of Attorney, payment of fee, and a stamped receipt post card are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated with sufficient postage and is addressed to: ATTN: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

The Commissioner is hereby authorized to charge any additional fees which may be required at any time during the prosecution of this application, except for the Issue Fee, without specific authorization, or credit any overpayment, to Deposit Account Number 16-0877.

Bonnie L. Horst